



# DIGITAL RESEARCH

Dear CBasic Compiler User,

Thank you for buying this implementation of Digital Research's CBasic Compiler for the Amstrad range of CP/M and CP/M Plus computers. The single sided Amstrad disk contains the complete compiler, linker, and library manager, along with the run-time library: in fact, all you need to create small or large programs of professional standard to run on any CP/M 80 or CP/M Plus computer (including the Amstrad range of course). Note that the language contains graphic verbs which are the ideal way to create graphic applications to run on the Amstrad CPC 6128 or PCW 8256 or any other computer that supports GSX. With the exception of these graphic verbs, all other language features, and the compiler itself, can be used on the CPC 464 and CPC 664.

Although this product is complete in itself, you will need to use some of the utilities supplied with the computer to create working disks, to create source code files, and to debug your applications. You will be glad to know that this product is completely compatible with ED and most other text editors for creating source files, with RMAC for creating assembly language routines, and with SID for symbolic debugging. RMAC may be used to create extensions to the language to perform any function you choose, such as directly accessing the sound and graphics features of the "target" computer.

With the exception of any assembly language routines you may create, your CB-80 program may be recompiled on our CB-86 compiler (available for CP/M-86, PC-DOS and MS-DOS computers) so your application can have total portability (even including graphics!) to the 16-bit world.

Before you use the compiler, we strongly advise you to read the file called READ.ME. If you have a single drive you should create a pair of work disks. These should contain the following files:

## CB-80 SOURCE WORK DISK

ED.COM	or your favourite text editor
CB80.COM	the CBasic Compiler...
CB80.OV1	...and its overlays
CB80.OV2	
CB80.OV3	
or	
PIP.COM	if you are using CP/M Plus or...
FILECOPY.COM	if you are using CP/M 2.2

## CB-80 OBJECT WORK DISK

LK80.COM	the linker
LIB.COM	the library manager - optional
CB80.IRL	the run-time library
or	
SID.COM	the symbolic debugger or...
DDT.COM	the dynamic debugging tool
GENGRAF.COM,	if you are creating graphic programs
GSX.COM,	
ASSIGN.SYS,	
.PRL files	

Onto the Source Work Disk you will create and maintain your CBasic Compiler source files. You can compile them on the same disk. You should then transfer the object (.REL) and symbol (.SYM) files to the Object Work Disk, using FILECOPY or PIP to do so. You can now link your program, use the library manager if needed, and debug and execute it using this Object Work Disk.

If you have two disk drives you may prefer to have one compiler/linker disk with all the above-named files, and one or more work disks on which you have all your object and source files. In this case your compiler/linker disk may be write-protected. The CBasic Compiler manual describes how to use a two-drive system.

Note that, for both one and two-drive systems, your work disks should all be system-format disks if you are using CP/M 2.2. The enclosed disk is vendor format.

We trust that you will find CBasic Compiler enjoyable, powerful and the ideal tool for creating your applications. Please note that Digital Research also offers its Pascal MT+ language for the Amstrad CPC 6128 and PCW 8256. This language is well suited to programming many types of application and is especially good for those involving complex data structures on disk and in memory.

Yours sincerely,